

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An image processing apparatus comprising:

input means for inputting an image signal;

image processing means for subjecting the image signal input from the input means to an image process comprising ~~a plurality of~~ individual processes of a color conversion process, a discrimination process, a filter process and a tone process;

memory means for use in the image process in the image processing means;

designation means for designating a process condition for the image signal input by the input means; and

control means for effecting a control to allocate a memory capacity, which is usable in the memory means, to the individual processes at ratios determined for each in the image process in accordance with the process condition designated by the designation means.

2. (Currently Amended) The image processing apparatus according to claim 1, wherein the process condition designated by the designation means is one of ~~comprises~~ a character/photo mode, a photo mode with a stress on reproducibility of a photo, a character mode with a stress on reproducibility of a character, and a map mode.

3. (Currently Amended) The image processing apparatus according to claim 1, wherein the process condition designated by the designation means is one of ~~comprises~~ an auto mode in which it is determined whether the input image signal is a color signal or a monochromatic signal, a color mode in which a color image process is executed, and a monochromatic mode in which a monochromatic image process is executed.

4. (Canceled)

5. (Currently Amended) The image processing apparatus according to claim 1, wherein the control means ~~differently~~ allocates a processing time to the individual processes ~~in the image process in accordance with the~~ at ratios determined for each process condition designated by the designation means.

6. (Currently Amended) The image processing apparatus according to claim 1, wherein in a case where a processing time in the image process is restricted, the control means allocates a memory capacity to the individual processes ~~in the image process in accordance with the~~ at ratios for each process condition designated by the designation means.

7. (Currently Amended) The image processing apparatus according to claim 1, wherein in a case where a processing time in the image process is restricted, the control means differently allocates the processing time to the individual processes ~~in the image process in accordance with the~~ at ratios determined for each process condition designated by the designation means.

8. (Currently Amended) The image processing apparatus according to claim 1, wherein in a case where the process condition designated by the designation means is a photo mode, the control means allocates a greater memory capacity of the memory means, or a greater processing time, or a greater memory capacity and a greater processing time to the a color conversion process ~~in the image process~~ than to the other processes ~~in accordance with the photo mode.~~

9. (Currently Amended) The image processing apparatus according to claim 1, wherein in a case where the process condition designated by the designation means is a photo mode, the control means allocates a less memory capacity of the memory means, or a less processing time, or a less memory capacity and a less processing time to the a discrimination

process ~~in the image process~~ than to the other processes ~~in accordance with the photo mode~~, or the control means allocates neither a memory capacity of the memory means nor a processing time to the discrimination process.

10. (Currently Amended) The image processing apparatus according to claim 1, wherein in a case where the process condition designated by the designation means is a character mode, the control means allocates a greater memory capacity of the memory means, or a greater processing time, or a greater memory capacity and a greater processing time to the a discrimination process in the image process than to the other processes ~~in accordance with the character mode~~.

11. (Currently Amended) The image processing apparatus according to claim 1, wherein in a case where the process condition designated by the designation means is a map mode, the control means allocates a greater memory capacity of the memory means, or a greater processing time, or a greater memory capacity and a greater processing time to the a filter process in the image process than to the other processes ~~in accordance with the map mode~~.

12. (Currently Amended) The image processing apparatus according to claim 1, wherein in a case where an additional process that is different from the individual processes ~~in the image process~~ is newly provided, the control means effects a control to allocate a memory capacity, which is usable in the memory means, to the individual processes ~~of the image process~~ and to the additional process at ratios determined for each ~~in accordance with the process condition designated by the designation means~~.

13. (Currently Amended) The image processing apparatus according to claim 1, wherein in a case where an additional process that is different from the individual processes ~~in the image process~~ is newly provided, the control means ~~differently~~ allocates a processing time to the individual processes ~~of the image process~~ and to the additional process at ratios determined for each ~~in accordance with the~~ process condition designated by the designation means.

14. (Currently Amended) An image processing apparatus comprising:
input means for inputting an image signal;
image processing means for subjecting the image signal input from the input means to an image process comprising ~~a plurality of individual processes~~ of a color conversion process, a discrimination process, a filter process and a tone process;
memory means for use in the image process in the image processing means;
determination means for determining attributes of the image signal input from the input means;
designation means for designating a process condition for the image signal input by the input means; and
control means for effecting a control to allocate a memory capacity, which is usable in the memory means, to the individual processes at ratios determined for each ~~in the image process in accordance with the~~ process condition designated by the designation means or a determination result of the determination means.

15. (Currently Amended) The image processing apparatus according to claim 14, wherein the control means ~~differently~~ allocates a processing time to the individual processes at ratios determined for each ~~in the image process in accordance with the~~ process condition designated by the designation means or the determination result of the determination means.

16. (Currently Amended) An image processing method comprising:
inputting an image signal;
subjecting the input image signal to an image process comprising ~~a plurality of~~
individual processes of a color conversion process, a discrimination process, a filter process
and a tone process, with use of memory means;
designating a process condition for the input image signal; and
allocating a memory capacity, which is usable in the memory means, to the individual
processes at ratios determined for each ~~in the image process in accordance with the~~
designated process condition.

17. (Currently Amended) The image processing method according to claim 16,
wherein a processing time is ~~differently~~ allocated to the individual processes at ratios
determined for each ~~in the image process in accordance with the~~ designated process
condition.

18. (Currently Amended) The image processing apparatus according to claim 2,
wherein in a case where the process condition designated by the designation means is a photo
mode, the control means allocates a greater memory capacity of the memory means, or a
greater processing time, or a greater memory capacity and a greater processing time to a color
conversion process ~~in the image process~~ than to the other processes ~~in accordance with the~~
~~photo mode~~.

19. (Currently Amended) The image processing apparatus according to claim 2,
wherein in a case where the process condition designated by the designation means is a photo
mode, the control means allocates a less memory capacity of the memory means, or a less
processing time, or a less memory capacity and a less processing time to a discrimination
process ~~in the image process~~ than to the other processes ~~in accordance with the photo mode~~,

or the control means allocates neither a memory capacity of the memory means nor a processing time to the discrimination process.

20. (Currently Amended) The image processing apparatus according to claim 2, wherein in a case where the process condition designated by the designation means is a character mode, the control means allocates a greater memory capacity of the memory means, or a greater processing time, or a greater memory capacity and a greater processing time to [[a]] the discrimination process in the image process than to the other processes ~~in accordance with the character mode.~~